Attorney Docket No. 10559-346001 Serial No.: 09/680,665 Amendment dated January 7, 2004 Reply to Office Action dated October 9, 2003

ABSTRACT

Linear transformations are carried out on a matrix that represents information such as an image or a communication. In an aspect, the matrix is processed to remove duplicate information. The duplicate information can be duplicate rows, or zero rows. This matrix is then transformed into a modified matrix, indicating duplicate information is removed to produce a modified matrix.